



Cooperating with the University of Arkansas – Division of Agriculture
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Reporting for the week ending May 1, 2011.

General

Tornadoes, flooding, hail, and strong winds were results of extremely severe weather that passed through the state last week. Ten tornadoes have been identified thus far from the April 25th storms, ranging in strength from EF1 to EF3. Five fatalities occurred due to severe weather, in addition to 6 fatalities due to flooding. Significant property damage occurred in areas hit hardest by these storms. All 36 weather stations reported extensive rainfall last week. The greatest precipitation amount was recorded at North Little Rock with 11.48 inches, followed by 10.71 inches recorded at DeQueen. Producers had only 1.3 days suitable for fieldwork last week. Topsoil moisture supplies were 2 percent short, 26 percent adequate, and 72 percent surplus. Subsoil moisture supplies were 1 percent very short, 5 percent short, 43 percent adequate and 51 percent surplus. Low temperatures ranged from 38 degrees Fahrenheit at Fayetteville, Calico Rock, and Gilbert to 49 degrees Fahrenheit at Brinkley and Marianna. Highs ranged from 75 degrees Fahrenheit at Fayetteville and Mena to 88 degrees Fahrenheit at Eudora and Hot Springs.

Crops

Corn planted last week was at 87 percent, with emergence at 75 percent. The cotton crop was 6 percent planted, with 2 percent of the cotton crop emerged. Farmers had 45 percent of the rice crop planted last week, with emergence at 33 percent by week’s end. Sorghum was at 59 percent planted, with 44 percent emerged. Soybeans planted were at 14 percent, with soybean emergence at 9 percent. The winter wheat crop was 93 percent headed. Winter wheat was in mostly fair to good condition last week, but scab and stripe rust were issues in some areas. Crop progress was very minimal last week due to the extensive rain that caused fields to flood, especially those along rivers and streams. Some rice levees were washed away and corn plants were beaten out of the ground. Some producers were able to begin pumping water off their fields. Some winter wheat fields were standing in water while others were beginning to lodge. Some aerial herbicide applications took place for weed control to rice and corn. In south Arkansas, the tomatoes were blooming and setting fruit.

Livestock

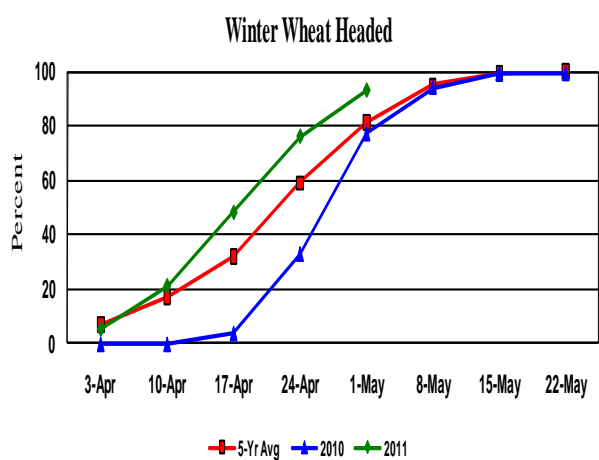
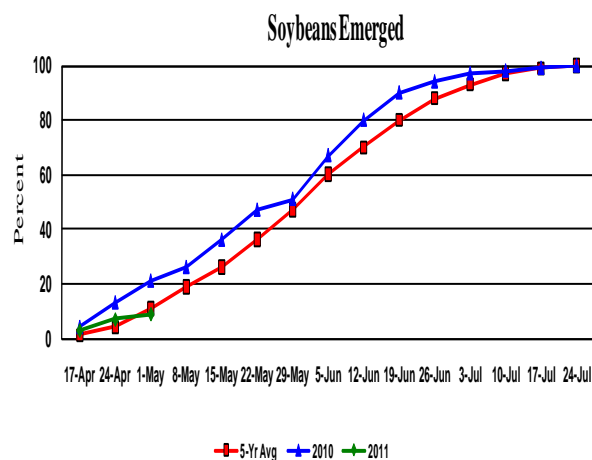
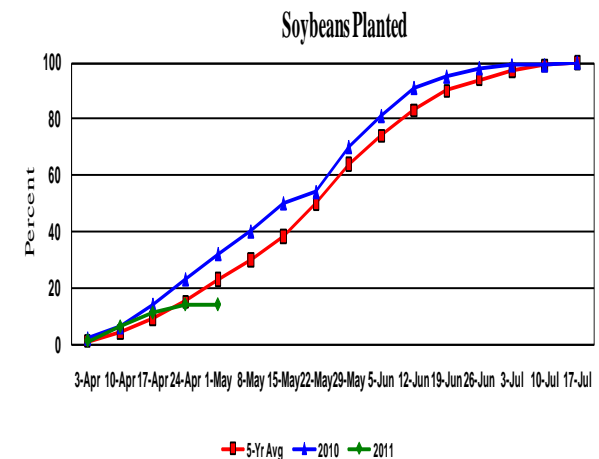
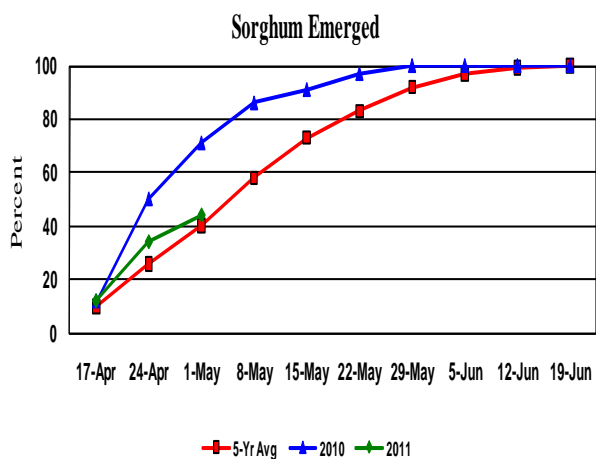
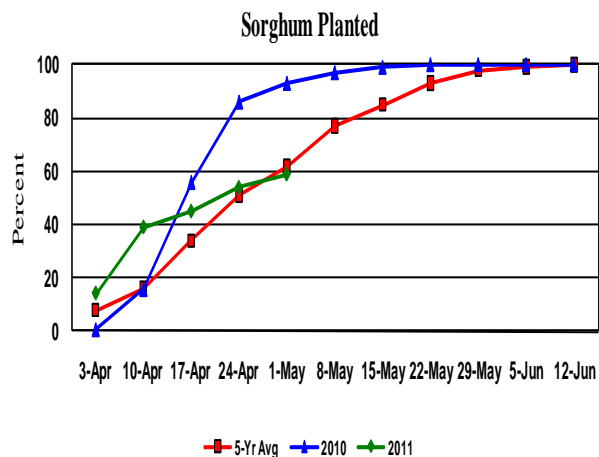
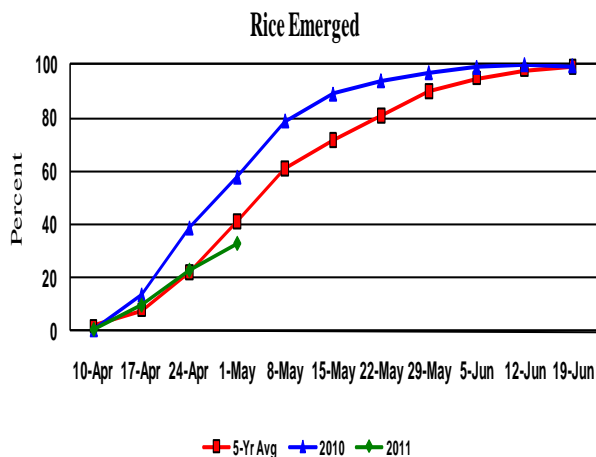
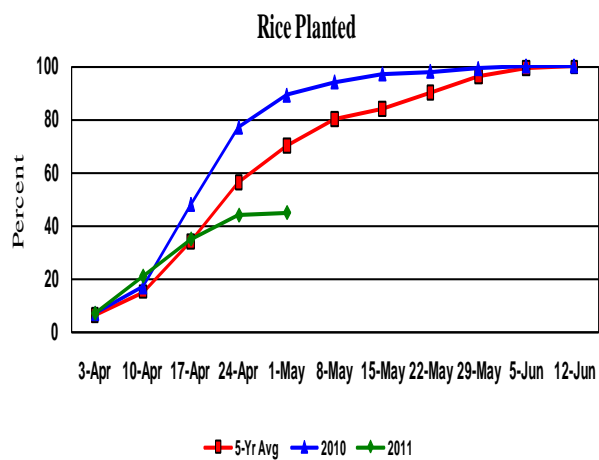
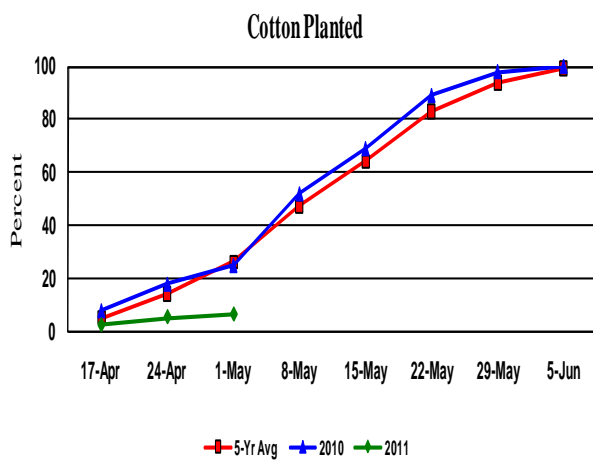
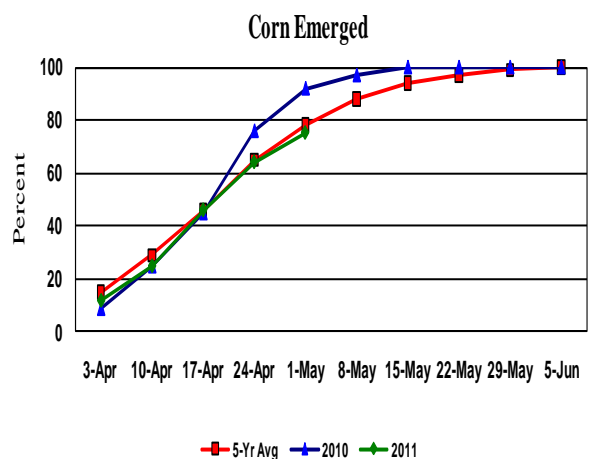
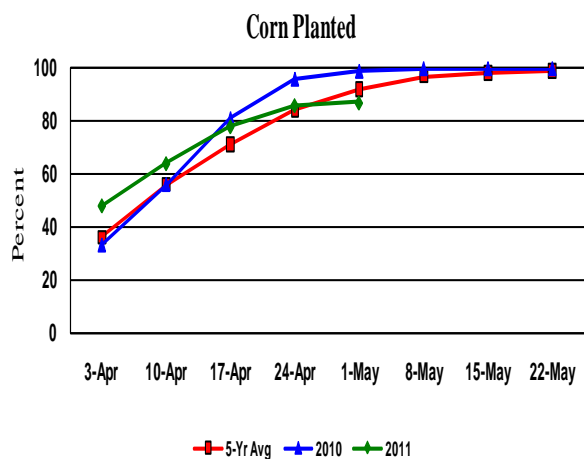
Livestock were in mostly fair to good condition last week. Pasture and range, as well as hay crops were in mostly fair to good condition by week’s end. Some cattle were lost last week due to lightening. Producers were relocating livestock due to flooding along creeks, rivers, and low lying areas. Fencing along these areas received damage and will have to be repaired. In some areas, poultry producers received severe wind damage to poultry houses.

Percent of Progress

Crop	Stage	Current Week	Previous Week	2010	5-Year Avg
Corn	Planted	87	86	99	92
	Emerged	75	64	92	78
Cotton	Planted	6	5	25	26
	Emerged	2	2	10	5
Rice	Planted	45	44	89	70
	Emerged	33	23	58	41
Sorghum	Planted	59	54	93	62
	Emerged	44	34	71	40
Soybeans	Planted	14	14	32	23
	Emerged	9	7	21	11
Winter Wheat	Headed	93	76	77	81

Condition in Percentages

Crop	Very Poor	Poor	Fair	Good	Excellent
Corn	12	15	24	42	7
Winter Wheat	3	20	27	43	7
Hay-Alfalfa	0	3	35	59	3
Hay-Other	1	18	41	38	2
Pasture and Range	2	8	43	40	7



Temperatures and Precipitation Week Ending May 1, 2011									
District	Station	Temperatures			Rainfall				
		High	Low	Dep from Normal *	Wk Ending May 1	4 wk Accum	4 wk Normal	Year-to-Date	
								2011	Normal
Northwest	Fayetteville	75	38	-2	7.17	17.17	4.05	23.29	15.04
	Harrison	77	45	-1	6.70	16.60	3.82	23.98	15.59
N. Central	Calico Rock	78	38	0	7.17	14.34	4.06	25.17	16.88
	Gilbert	77	38	-3	6.31	11.56	3.81	22.86	15.69
	Greers Ferry	79	42	-1	7.83	11.81	4.68	22.97	19.25
	Mtn. Home	78	43	-2	5.55	15.48	3.86	25.53	16.42
Northeast	Batesville	78	43	0	6.92	11.83	4.47	26.69	17.88
	Blytheville	78	40	0	8.22	12.68	4.92	22.71	19.69
	Jonesboro	76	46	0	9.00	12.70	4.68	24.21	18.27
	Keiser	81	44	1	9.73	17.32	4.60	28.27	19.42
	Newport	76	48	-2	8.37	12.69	4.66	22.97	18.82
W. Central	Booneville	78	41	-4	6.48	14.91	4.10	22.03	16.52
	Clarksville	77	41	-1	3.72	9.31	4.19	18.25	16.73
	Dardanelle	79	42	-3	6.06	13.66	3.99	21.08	17.24
	Ft. Smith	81	43	-2	4.40	11.22	3.67	15.77	14.63
	Mena	75	41	-2	3.74	11.53	4.89	19.08	19.67
	Ozark	79	40	-3	3.66	10.04	3.40	19.13	15.69
Central	Conway	82	44	0	7.70	12.67	4.68	21.95	18.23
	Hot Springs	88	44	2	6.90	11.72	5.00	19.87	20.67
	Little Rock	80	46	2	7.37	12.54	5.11	22.95	19.51
	Morrilton	81	44	0	7.14	13.48	4.10	22.85	17.54
	N. Little Rock	79	47	0	11.48	15.97	4.72	25.35	18.78
E. Central	Brinkley	79	49	3	10.40	16.25	4.90	27.00	19.75
	Marianna	79	49	3	10.57	16.76	4.94	27.15	21.36
	Stuttgart	80	48	3	9.41	14.83	4.96	23.93	19.79
	West Memphis	81	46	2	9.04	13.91	5.06	23.95	21.68
Southwest	DeQueen	78	40	-1	10.71	19.25	4.56	23.67	19.57
	Hope	78	45	1	3.44	10.59	4.54	16.70	20.16
	Texarkana	81	45	1	3.50	7.42	3.66	12.89	16.67
S. Central	Camden	81	46	0	3.89	10.22	4.30	18.60	20.67
	El Dorado	85	44	2	5.13	8.51	4.25	14.89	21.06
	Warren	84	40	4	3.70	6.26	4.72	11.75	23.21
Southeast	Eudora	88	41	2	3.46	7.40	5.75	16.01	25.44
	Monticello	84	47	5	3.03	7.18	4.85	14.28	23.15
	Pine Bluff	81	48	2	7.10	13.83	4.80	20.89	20.64
	Rohwer	81	48	3	2.91	7.32	4.72	13.50	21.96

* Departure from normal = $\frac{(\text{high} - \text{low})}{2} - 30$ year average

Produced by:
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